

**Amendments to the Abstract**

Please replace the abstract of the disclosure with the following amended/new abstract of the disclosure:

A method for implementing a virtual leased line (VLL) is provided. The method includes the steps of: configuring a virtual local area network (VLAN) label stack on the basis of VLAN QinQ technique; configuring a VLAN QinQ switching device and a multi-protocol label switching device to communicate with each other; extending a label distribution protocol (LDP) to support encapsulation of VLAN labels, so as to carry out VLAN label assignment and take the extended LDP as a topology discovery protocol for an L2 virtual private network; setting the range of VLAN labels; implementing a VLL by constructing a VLAN switching path.